



# OZAUKEE COUNTY PUBLIC HEALTH DEPARTMENT

## Annual Report

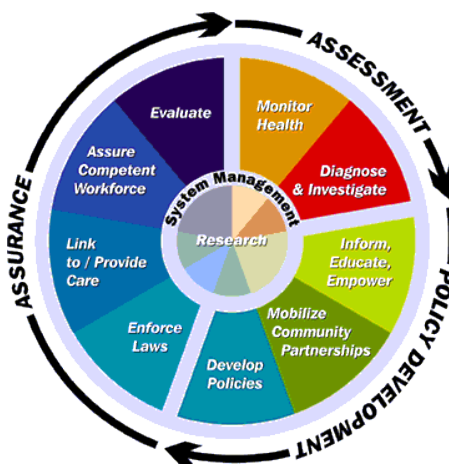
# 2014

Dear Colleagues, Ozaukee County Board Members, Partners, and Residents,

The Ozaukee County Public Health Department's 2014 Annual Report is grounded in the 10 Essential Public Health Services. The 10 Essential Public Health Services guide our daily work and remind us of the responsibilities we, as the public health department, have to our community in protecting and promoting health. We extend deep appreciation to all of our community partners who work diligently with us to sustain and improve the health of Ozaukee County residents.

Warmly,

Kirsten Johnson, MPH, CPH, CHES  
Director/Health Officer

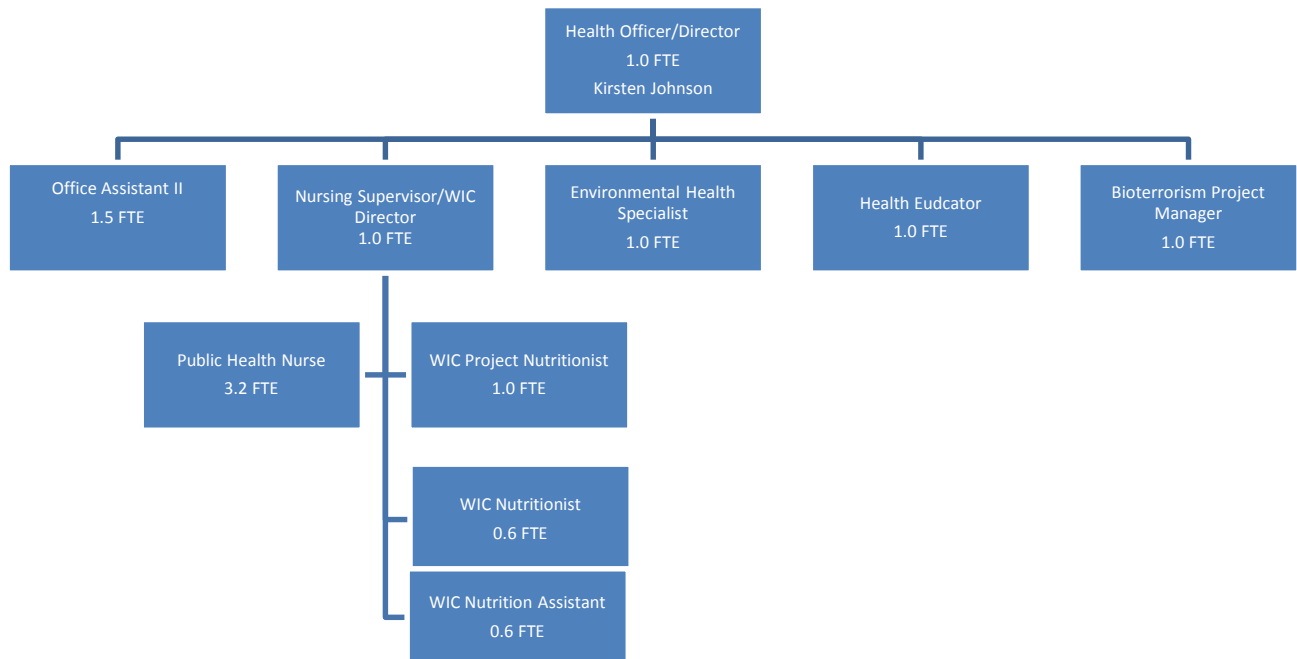


# Ozaukee County Public Health Department Annual Report 2014

## Table of Contents

Organization Chart, Health Department Staff & Board of Health.....	3
Department Purpose & Core Values.....	4
Essential Service 1 (Monitoring Health Status).....	5
Essential Service 2 (Investigate Health Problems).....	6
Essential Service 3 (Inform People about Health Issues).....	9
Essential Service 4 (Mobilize Communities).....	11
Essential Service 5 (Plan to Support Health).....	12
Essential Service 6 (Enforce Public Health Laws).....	13
Essential Service 7 (Link People to Health Services).....	14
Essential Service 8 (Assure a Competent Workforce).....	16
Essential Service 9 (Evaluate Effectiveness of Programs).....	17
Essential Service 10 (Research for New Solutions).....	18

## Organization Chart



## Public Health Department Staff

### Director/Health Officer

Kirsten Johnson, MPH, CPH, CHES

### Nursing Supervisor/WIC Director

Diana Noack, BSN, RN

### Public Health Nurse

Caralee Jacque, BSN, RN

Jeannine Kitzerow, BSN, RN

Jane Schulz, BSN, RN

Joanne Viesselmann, BSN, RN

### WIC Project Nutritionist

Missy Scheelk, RD, MS

### WIC Nutrition Assistant

Kayla Jones

### Environmental Health Specialist

Daniel Ziegler, BS, RS

### Health Educator

Kari Jacoby, BS, CHES

### Preparedness Coordinator

Patty Ruth, BA

### Office Assistants

Marilyn Thornell

Wendy Schwab

### Board of Health

Robert Brooks, Chairperson

Karl Hertz, Co-chairperson

Thomas Winker

Thomas Richart

David Henrichs

Celestino Perez, MD

Mary Jo Wirth

Beth Anderson

Patricia Treffert, RN

## Ozaukee County Public Health Department

### Purpose & Core Values

**Purpose: Improve the health of all Ozaukee County residents.**

In order to improve the health of our residents, Ozaukee County Public Health Department will:

- Assure quality and accessible health services
- Promote healthy lifestyles
- Empower residents to make healthy decisions
- Educate and inform the community about and mobilize the community around existing and emerging public health needs
- Advocate for policies that improve health
- Ensure and maintain our expertise
- Assess community health status and community resources
- Partner with community organizations
- Use evidence and public health best practices
- Enforce laws and regulations that protect health and ensure safety
- Assist in response to and prevention of disease and disasters

**We are guided by our Core Values:**

1. Treat everyone with dignity and respect
2. Honor individual rights
3. Everyone has the right to good health
4. Serve all residents, including the most vulnerable
5. Listen to the community and their needs
6. Make decisions based on the best interest of the community
7. Emphasize prevention and embrace collective action
8. Empower people

## Essential Service 1

### Monitor Health Status to Identify and Solve Community Health Problems

**Introduction:** Essential Service 1 activities include assessing the health status of the community through formal and informal needs assessments and data analysis. The Ozaukee County Public Health Department (OCPHD) collaborates with a broad group of community partners to address our community's health needs. Community health improvement planning and leading health indicator data guide our health focus areas.

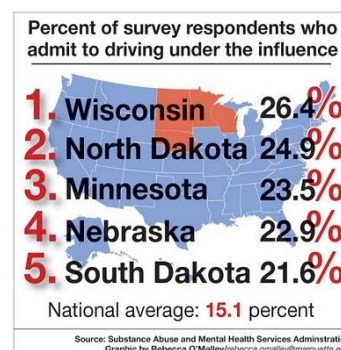
### Ozaukee County Health Status

In 2014, a comprehensive community health assessment, Ozaukee County Community Health Survey Report, was commissioned by Aurora Health Care, Columbia St. Mary's Health System, and Children's Hospital of Wisconsin in partnership with the Center for Urban Population Health and the Ozaukee County Public Health Department.

#### 2014 Outcomes

- Primary areas of concern were an increase in tobacco use among adults, an increase in problems associated with alcohol and other drugs and an increase in the percent of adults who are overweight.

Health Indicator	Ozaukee County	Wisconsin	US
Adults Current Smokers	22%	20%	20%
Overweight	65%	67%	64%
Binge Drinking (Adults in past 30 days)	35%	22%	15%



## Essential Service 2

### Diagnose and Investigate Health Problems and Hazards in the Community

**Introduction:** Essential service 2 includes provision of epidemiological identification of emerging health threats, investigation of infectious disease and human health hazards and prevention of disease through immunizations.

#### Communicable Disease Control

Surveillance, investigation and follow-up of reportable diseases are statutory responsibilities of local health departments. In addition, animal bites are reported to the health department and follow up is conducted to assure measures are taken to prevent potential disease transmission.

##### 2014 Outcomes

- Public Health Nurses conducted 371 follow-up investigations on reportable communicable diseases
- Over 1400 hours were spent on communicable disease surveillance, follow-up and control activities
- 213 TB Skin Tests were administered
- 31 animal bites were investigated

#### Emergency Preparedness

OCPHD strives to ensure we are able to respond effectively to public health emergencies, lessen the negative impact of the emergency and save lives.

A public health emergency may be the result of a bioterrorist act, naturally occurring disease, accident, hazmat incident, weather conditions, long term power outage, contaminated food or water and pandemic influenza. This work strengthens our capacity to respond and be prepared.

##### 2014 Outcomes

- Fostered and maintained numerous partnerships with: Law Enforcement, Fire, EMS, public and private schools, churches, hospitals, non-profits, government agencies, funeral homes, municipalities, Chambers of Commerce and senior centers, and others.
- Developed Mass Care Plan in collaboration with Human Services, Emergency Management, Humane Society, American Red Cross, and other non-profit agencies.
- Sponsored and participated in numerous local, regional and state-wide trainings.

Sample of Diseases	Cases
Campylobacter	25
Cryptosporidium	9
E.Coli	7
Giardia	5
Hep A	0
Hep B	5
Hep C	16
Lyme Disease	21
Norovirus Outbreak	3
Pertussis	9
Respiratory Outbreak	2
Salmonella	14
STDs:	
Chlamydia	124
Gonorrhea	9
Syphilis	4
TB Active	0
TB Inactive	0
Latent TB	4
Varicella	6

- Quarterly tests on all redundant communication systems through alert and notification drills.
- Developed a county-wide response plan for Ebola with Fire, EMS, Law Enforcement, Hazmat, Emergency Management, Health Care Partners, and Public Safety Answering Points.
- Worked on the Mass Fatality Management capability with Emergency Management and the Coroner's Office.
- Sponsored a county-wide Community Preparedness Day assisting 80 households/265 individuals to be better prepared with an emergency go-kit and plans.

## Environmental Health Information and Consultation Services

OCPHD investigates complaints related to environmental health as well as provides environmental health resources to county residents. The Environmental Health Specialist consults on private well testing, and advises on a host of issues, including air quality concerns, mold, radon, animal and insect complaints, lead and asbestos hazards and other environmental health issues. The goal of this program is to protect the health of residents from environmental related illness and disease.

### 2014 Outcomes

- 34 Ozaukee County residents requested well testing and screening services
- Environmental health consultation was provided to over 300 county residents

## Immunization Program

OCPHD aims to reduce or eliminate illnesses of vaccine preventable diseases through administration of vaccines. In 2014, **1574** (1336 flu) vaccines to prevent infectious diseases were given to Ozaukee County residents. In addition, staff work closely with Ozaukee County school districts to assure school age children are in compliance with the Wisconsin State Immunization Law.

### 2014 Outcomes

- No childhood vaccine preventable disease outbreaks occurred in Ozaukee County

<i>School District</i>	<i>Percent of students compliant with WI law</i>
<i>Cedarburg</i>	<b>99.37</b>
<i>Grafton</i>	<b>98.20</b>
<i>Mequon/Thiensville</i>	<b>99.21</b>
<i>Northern Ozaukee</i>	<b>99.57</b>
<i>Port Washington/Saukville</i>	<b>98.69</b>

## Seasonal Influenza

OCPHD conducts numerous community-based flu clinics to ensure Ozaukee County residents are protected from seasonal influenza. Influenza (flu) is a contagious respiratory disease that can lead to serious complications, hospitalization, or even death. Anyone can get the flu, and vaccinating against the

flu is the single best way to prevent illness. The CDC recommends everyone 6 months of age and older is vaccinated against the flu every year.

### **2014 Outcomes**

- OCPHD vaccinated **1267 adults and 69 children** against seasonal influenza

## **Lead Poisoning Prevention**

Children participating in OCPHD WIC program receive blood lead screenings at age 1 and again at age 2 years or older. Lead test results from private medical providers are also recorded in the child's WIC record to assure appropriate follow up and testing is completed. This program provides education on prevention of lead exposure as well as home inspections and case management services to families of children whose confirmed lead levels are 5 mcg/dl or higher. In addition, OCPHD provides lead hazard control and abatement on homes where children may be at high risk of lead poisoning.

### **2014 Outcomes**

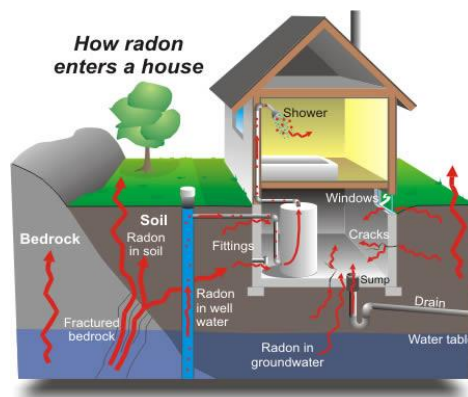
- 758 children were tested for lead poisoning
- OCPHD WIC screened 107 of those children
- Of the 758, 16 children had elevated lead levels over 5 mcg/dl

## **Radon Testing**

OCPHD provides radon test kits at a free or reduced cost to Ozaukee County residents. OCPHD also provides assistance in analysis of test results, mitigation information and referrals for individuals or families whose homes have high radon levels.

### **2014 Outcomes**

- Radon kits were sold to 733 Ozaukee County residents





## Essential Service 3

### Inform, Educate and Empower People about Health Issues

**Introduction:** Essential Service 3 includes social marketing, targeted media public communication, providing accessible health information, and resources to reinforce health promotion messages and programs.

#### **Car Seat Education and Installation**

Proper car seat installation is imperative to keeping Ozaukee County children safe while traveling in motor vehicles. OCPHD teaches families how to safely transport their children using car seats, booster seats and seat belts correctly. Child safety seats that are used correctly reduce the risk of death by as much as 71%. OCPHD provides a monthly car seat clinic to the community, offering car seat checks, education, and giving seats to families who are unable to obtain them otherwise.

##### **2014 Outcomes**

- 13 car seat check events held in 2014
- 148 child safety seats were evaluated for proper installation
- 144 new safety seats were provided to low income families

#### **General Health Education**

OCPHD provides educational sessions to local school districts, community groups and also to clients receiving public health services at the health department. Topics include prenatal care, nutrition and physical activity, general health and wellness, alcohol and drug prevention, growth and development, and infectious disease prevention.

##### **2014 Outcomes**

- 63 mothers received prenatal counseling and resource education
- OCPHD provided 8 growth and development classes for five schools in the county
- Health education was provided at over 25 events including health fairs, school functions, festivals, and other community events

## Essential Service 4

### Mobilize Community Partnerships and Action to Identify and Solve Health Problems

**Introduction:** Essential Service 4 involves convening and facilitating community groups in undertaking defined preventive and population focused activities in order to pool expertise and leverage all potential resources to solve community health problems.

#### Healthy People Ozaukee County, INVEST

INVEST, Ozaukee County's health coalition was formed in 2010. It is a community-wide initiative working to sustain and improve the health of Ozaukee County residents through obesity reduction, improved mental health, the prevention of youth alcohol and tobacco use, and the elimination of illegal drug and heroin use.

INVEST was developed to identify Ozaukee County resident's health priorities and work towards improving health outcomes based on those priorities. Over 160 community members responded to a survey asking what their priorities were and from their responses four primary health concerns emerged. The original health priorities were obesity, mental health, tobacco and youth alcohol use. Since 2010, over 100 community partners have been actively participating on four action teams focused on these health priorities. Not only were these the health concerns that the community identified, but they were also the areas of greatest priority according to Ozaukee County's collected health data.

#### **2014 Outcomes:**

- Implemented Active Environments Team in Port Washington
- Developed virtual food hub to procure local foods in the region
- Assisted apartment owners in making 222 apartment units smoke-free in Ozaukee County
- Four mental health & stigma presentations given to civic organizations in the community

#### Ozaukee County Heroin Task Force

The Ozaukee Heroin Task Force was formed in 2014 due to the community response to opiate and heroin use. The long term mission of the Heroin Task Force is to maintain the highest quality of life through the elimination of opioid abuse; achieved by community partnerships focused on prevention, policy, education, enforcement and treatment.

The Heroin Task Force consists of community participation and partnerships with many agencies across the county including law enforcement, schools, elected officials, businesses, county departments, and volunteers. The Heroin Task Force is divided into five sub-committees for a more focused approach; Community Education, Policy and Advocacy, Law Enforcement, Community Resources, and Medical Education.

**2014 Outcomes:**

- Over 20 combined task force and committee meetings
- Over 8 large community events, with over 1,000 attendees
- 2 medication collection events, over 500 pounds of controlled substances collected

**Child Death Review Team**

A Child Death Review Team met regularly in 2014. CDRTs are important because the circumstances involved in most child deaths are multidimensional with many factors, and responsibility should not rest in one place. CDR teams review child deaths that occur in the county and identify how the death could have been prevented. Based on the CDR team discussion, community interventions and partnerships are developed to work towards preventive programs or policies.

**2014 Outcomes**

- 31 organizations participate in CDRT
- The Ozaukee County CDRT expanded the scope of reviews to include all individuals under the age of 25, with increased focus on deaths related to alcohol, drugs and suicide

## Essential Service 5

### Develop Policies and Plans that Support Individual and Community Health Efforts

**Introduction:** Essential Service 5 involves providing leadership for systemic community and state level planning for health improvement, development and tracking of measureable health objectives as part of a continuous quality improvement strategy and development of codes, regulations and legislation to guide the practice of public health.

#### Healthiest Wisconsin 2020

Healthiest Wisconsin 2020 is a document outlining the focus areas that need to be addressed by public health system partners and Wisconsin communities over the next decade. Teams of experts for each focus area were charged to identify the key objectives for the decade. The 23 teams were dubbed “Focus Area Strategic Teams.” Each team identified two objectives that reflected the most important policy change, system alignment or program action to be achieved in the next decade. Healthiest Wisconsin 2020 complements the national plan, Healthy People 2020.

#### 2014 Outcomes

- OCPHD staff consult Healthiest Wisconsin 2020 goals and objectives when designing and implementing interventions



## Essential Service 6

### Enforce Laws and Regulations that Protect Health and Safety

**Introduction:** Essential Service 6 involves full protection of drinking and recreational water supplies, enforcement of clean air standards, and timely follow-up of environmental health concerns.

#### Beach Monitoring Program

OCPHD monitors the public beaches in Ozaukee County through a grant from the Wisconsin DNR. Public beach water is monitored from Memorial Day through Labor Day for elevated E. Coli levels and adverse conditions. After monitoring, OCPHD uses E. Coli levels to determine beach advisories and closures, which are posted through signage and online at [www.wibeaches.us](http://www.wibeaches.us).

##### 2014 Outcomes

Beach Site	Closed	Advisory	Open	Total
<i>Upper Lake Park</i>	8	19	67	94
<i>HWY D</i>	5	22	67	94
<i>Harrington North</i>	5	21	68	94
<i>Harrington South</i>	6	19	69	94
<i>Cedar Beach</i>	6	19	69	94
<i>Concordia</i>	1	1	17	19

#### DNR Well Water Program

OCPHD inspects and tests transient wells in Ozaukee and Milwaukee County through a grant from the Wisconsin Department of Natural Resources. The program requires an annual test for bacteria and nitrate for any well that has public access to water for at least 25 individuals per day for at least 60 days of the year.

##### 2014 Outcomes

- 256 establishments completed water testing; 9 had unsafe bacteria levels
- 53 well system inspections were conducted
- Nitrate samples on all 256 establishments were safe

## Essential Service 7

### Link People to Needed Personal Health Services

**Introduction:** Essential Service 7 assures effective entry for disadvantaged people to a coordinated system of care, linkage of services for special population groups, and technical assistance for effective worksite health promotion/disease prevention programs.

#### **Affordable Care Act/Insurance Marketplace**

Family health benefits counseling is provided to assist Ozaukee County families in accessing health care financing through outreach, counseling and advocacy. In 2014, OCPHD partnered with Partners for Community Development to ensure residents had assistance in enrolling in the Health Insurance Marketplace.

##### **2014 Outcomes**

- OCPHD assisted numerous individuals and families in enrollment

#### **Migrant Health**

The Migrant Health program in Ozaukee County addresses health needs of migrant workers and their families. Approximately 120 Latino workers and their families come from southern Texas to work at the Lakeside Foods cannery in Belgium and their produce freezing plant in Random Lake. Most workers live in one of the two “migrant camps” in Belgium during their stay in Wisconsin, working May through November.

##### **2014 Outcomes**

- OCPHD visited the migrant camp twice over the course of the summer to provide vaccinations and linkage to other community services
- Family Health/La Clinica in Wautoma also sent their mobile medical van to Belgium three times to provide nurse practitioner exams, blood work, prescriptions and enrollment in state screening programs

#### **Oral Health**

Early childhood cavities prevention services includes guidance for parents and other caregivers and distribution/provision of fluoride supplements.

##### **2014 Outcomes**

- OCPHD provided fluoride varnish treatments to over 200 children

## **Prenatal Care Coordination**

Prenatal Care Coordination (PNCC) Services are available to Medicaid-eligible pregnant women with a high-risk for adverse pregnancy outcomes. High-risk pregnancies require additional prenatal care services, coordination and follow-up because of medical or non-medical factors that include psychosocial, behavioral, environmental and nutritional factors.

### **2014 Outcomes**

- OCPHD provided 62 women with prenatal screening and pregnancy follow-up

## **Women, Infant, and Children (WIC) Nutrition Program**

The purpose of WIC is to promote and maintain the health and well-being of nutritionally at-risk pregnant, breastfeeding and postpartum women, infants and children. WIC provides supplemental nutritious foods, nutrition and breastfeeding information and referral to other health and nutrition services. The Washington County Public Health Department provides services to Ozaukee County.

### **2014 Outcomes**

- 710 participants were served by WIC in Ozaukee County (213 women, 162 infants, 335 children ages 1-4)
- 11,423 WIC vouchers were redeemed to purchase healthy foods
- \$252,288.29 worth of healthy foods was purchased with WIC vouchers
- 14 contracted vendors in Ozaukee County redeemed participant's vouchers
- \$2,585 worth of vouchers were redeemed at farmer's markets
- 79% of WIC mothers initiated breastfeeding post-delivery (WI average is 72%)
- 46% of WIC mothers were still breastfeeding at 6 months, and 33.3% at 12 months
- 21% of WIC mothers were exclusively breastfeeding at 6 months (WI average is 11%)

## **Wisconsin Well Woman Program (WWWP)**

WWWP provides preventive screening services for breast and cervical cancer to low income, uninsured or underinsured women residing in Wisconsin. Women screened and diagnosed with breast or cervical cancer may be eligible for Wisconsin Well Woman Medical Assistance (WWMA) for treatment.

### **2014 Outcomes**

- OCPHD screened 43 women in 2014

## Essential Service 8

### Assure a Competent Public Health Workforce

**Introduction:** Essential Service 8 involves educating and training personnel to meet the needs for public and personal health service; adoption of continuous quality improvement and life-long learning; and active partnership with academic institutions. In order to provide the highest quality public health service, OCPHD strives to ensure that all of our staff possesses the knowledge, skills and abilities to perform their jobs effectively and efficiently.

#### Linkages with Academia

OCPHD has strong linkages with numerous institutions of higher education and serves as a site for student placement, observation, practice experience and internship.

#### 2014 Outcomes

- OCHPD hosted an Area Health Education Center intern who worked on the Beach Monitoring Program for 8 weeks in summer, 2014
- OCPHD is represented on the Medical College of Wisconsin MPH Advisory Board
- OCHPD is represented on the Concordia University School of Nursing Advisory Board





## Essential Service 9

### Evaluate Effectiveness, Accessibility and Quality of Personal and Population Based Health Services

**Introduction:** Essential Service 9 calls for ongoing evaluation of health programs to assess program effectiveness and to provide information necessary for allocating resources and shaping programs. Measures for assessing this essential service indicate a need for strengthening OCPHD activities in this area.

#### **Health and Family Services (HFS) 140 Review**

The Wisconsin Department of Health Services is required to formally review the operations of all Wisconsin Local Health Departments every five years. The review establishes the health department as a level I, II, or III agency. A level I agency meets the minimum requirements and a level III meets the maximum requirements established for local health departments.

#### **2014 Outcomes**

- In 2014, OCPHD worked towards recertification

## Essential Service 10

### Research for New Insights and Innovative Solutions to Health Problems

**Introduction:** Essential Service 10 includes continuous linkage with appropriate institutions of higher learning and research.

#### Healthy Wisconsin Leadership Institute

The Healthy Wisconsin Leadership Institute provides continuing education and research opportunities to local public health departments in Wisconsin. Their mission is to build public and community health skills and leadership capacity. OCPHD has a continued partnership with HWLI.

#### **2014 Outcomes**

- OCPHD is represented on the Healthy WI Leadership Institute Advisory Committee